



Contents of Volume 166

Vol. 166 Nos. 1–3

Point defects in Langmuir–Blodgett films of Cd arachidate G. Nechev (Sofia, Bulgaria), M. Hibino and I. Hatta (Nagoya, Japan)	1
Liquid membrane multiple emulsion process of separation of copper(II) from waste waters A.K. Chakravarti, S.B. Chowdhury and D.C. Mukherjee (Calcutta, India)	7
Particle speciation analysis of inorganic polymer flocculants: an examination by photon correlation spectroscopy D. Wang, H. Tang and F. Cao (Beijing, People's Republic of China)	27
Effect of anion type on monolayers and Langmuir–Blodgett films of gadolinium stearate G.B. Khomutov, A.M. Tishin, S.N. Polyakov (Moscow, Russia) and J. Bohr (Lyngby, Denmark)	33
Chemisorption of Cu ^{II} and Co ^{II} chlorides and β -diketonates on silica gel functionalized with 3-aminopropyltrimethoxysilane J.G.P. Espinola, S.F. Oliveira, W.E.S. Lemus, A.G. Souza (Paraíba, Brazil), C. Airoldi (São Paulo, Brazil) and J.C.A. Moreira (Paraíba, Brazil)	45
Micellization of ionic surfactants in aqueous-rich region of organic solvents: A conductometric study of micellization behaviour of sodium dodecylsulfate in aqueous-rich region of 1-BuOH, 2-BuOH, t-BuOH at different temperatures M.S. Chauhan, G. Kumar, A. Kumar and S. Chauhan (Shimla, India)	51
Influence of the polymeric hydrophobe on the kinetics of vinyl acetate miniemulsion polymerization I. Aizpurua, J.I. Amalvy and M.J. Barandiaran (San Sebastián, Spain)	59
Frictional properties of lyotropic liquid crystalline mesophases at surfaces K. Boschkova, J. Elvesjö and B. Kronberg (Stockholm, Sweden)	67
Solvency effects in polymer layers studied by electrokinetics: PVME as homopolymer and in an anionic diblock copolymer adsorbed on SiO ₂ A.W.M. de Laat (Eindhoven, The Netherlands), H.D. Bijsterbosch, M.A. Cohen Stuart, G.J. Fleer and C.W. Struijk (Wageningen, The Netherlands)	79
Protection of liposomes against triton X-100 by means of the new exopolymer excreted by <i>Pseudoalteromonas antarctica</i> NF ₃ A. de la Maza, O. López, M. Córcega, J.L. Parra and J. Guinea (Barcelona, Spain)	91
Snap-off in constricted tubes and porous media W.R. Rossen (Austin, TX, USA)	101
Energetics of the interaction of ethylamine and acidic sites of immobilized complexes on SH-modified silica gel J.A. Simoni, C. Airoldi (São Paulo, Brazil), E.F.S. Vieira and A.R. Cestari (Sergipe, Brazil)	109
Interactions of poly(amidoamine)dendrimers having surface carboxyl groups with cationic surfactants K. Esumi, R. Saika, M. Miyazaki, K. Torigoe (Tokyo, Japan) and Y. Koide (Kumamoto, Japan)	115
Optical properties of oil-in-water emulsions containing titanium dioxide particles W. Chantrapornchai, F.M. Clydesdale and D.J. McClements (Amherst, MA, USA)	123
The distortion of the diffuse double layer and its effect on flow properties of dense flyash slurries R.S. Iyer and B.R. Stanmore (St. Lucia, Australia)	133
Importance of asphaltene aggregation in solution in determining the adsorption of this sample on mineral surfaces S. Acevedo, M.A. Ranaudo, C. García, J. Castillo, A. Fernández, M. Caetano and S. Goncalvez (Caracas, Venezuela)	145
Adsorption of lead and cadmium ions from aqueous solution to the montmorillonite/water interface F. Barbier, G. Duc and M. Petit-Ramel (Villeurbanne, France)	153
Micellization of decyldimethylbenzylammonium chloride at various temperatures studied by densitometry and conductivity J.L. del Castillo (Santiago de Compostela, Spain), J. Czapkiewicz (Krakow, Poland), A. González Pérez and J.R. Rodríguez (Santiago de Compostela, Spain)	161
Monodisperse, nonporous, spherical silica particles J.D. Wells, L.K. Koopal and A. de Keizer (Wageningen, The Netherlands)	171
The solubilisation of mycobacterium in a water in oil microemulsion for biotransformations: system selection and characterisation S. Prichanont (Bangkok, Thailand), D.J. Leak and D.C. Stuckey (London, UK)	177
Features of fumed silica coverage with silanes having three or two groups reacting with the surface V.M. Gun'ko, E.F. Voronin, E.M. Pakhlov, V.I. Zarko, V.V. Turov, N.V. Guzenko (Kiev, Ukraine), R. Leboda and E. Chibowski (Lublin, Poland)	187
Contact angle measurements of iron ore powders S.M. Iveson, S. Holt and S. Biggs (Callaghan, Australia)	203

Break-up of flocs in contraction and swirling flows S. Blaser (Zürich, Switzerland)	215
The adsorption of lead species on goethite D. Kovačević (Zagreb, Croatia), A. Pohlmeier, G. Özbaş, H.-D. Narres (Jülich, Germany) and M.J.N. Kallay (Zagreb, Croatia)	225
Effect of dodecyl dimethyl phosphine oxide penetration into phospholipid monolayers: morphology and dynamics J. Zhao, D. Vollhardt (Golm/Potsdam, Germany), J. Wu (Beijing, People's Republic of China), R. Miller, S. Siegel (Golm/Potsdam, Germany) and J.B. Li (Beijing, People's Republic of China)	235
The interaction of sodium dodecyl sulfonate and petroleum sulfonate with nonionic surfactants (Triton X-100, Triton X-114) Z. Hou, Z. Li (Xinjiang, PR China) and H. Wang (Gansu, PR China)	243
Competitive adsorption of molybdate, chromate, sulfate, selenate, and selenite on γ -Al ₂ O ₃ C.-H. Wu, S.-L. Lo and C.-F. Lin (Taipei, Taiwan, ROC)	251
Grain boundary wetting in polycrystals: wettability of structure elements and liquid phase connectivity (part I) V. Traskine (Moscow, Russia), P. Protsenko (St Martin d'Hères, France), Z. Skvortsova (Moscow, Russia) and P. Volovitch (Aix-en-Provence, France)	261
Book review	269
 <i>Calendar</i>	271
<i>Author Index</i>	273
<i>Subject Index</i>	275
<i>Volume Contents</i>	277